



JOB DESCRIPTION

Title: **FIRE ENGINEER**
Department: Fire
Class Code: 4305
FLSA Status: Non-Exempt
Effective Date: July 1, 1997 (Rev. 07/2008)
Grade Number: 19

GENERAL PURPOSE

Under general supervision from the Captain; drives, operates and maintains fire department apparatus; works as a member of a firefighting team; maintains ability to perform firefighting, rescue, emergency medical services; participates in all functions required of a Firefighter II.

EXAMPLE OF DUTIES

- *-- Responds to emergency fire, medical, and hazardous material alarms.
- *-- Drives fire apparatus, engines, ladder truck, etc., insures vehicle and equipment maintenance and readiness; makes routine and emergency repairs; transports fire fighting crews safely to fire and emergency scenes; operates fire fighting apparatus, pumps, nozzles, hydraulic equipment, etc. Supplies extinguishing agents at scenes; provides proper fire streams.
- *-- Performs a thorough, daily inspection and pump check of the apparatus to which he/she is assigned; notifies station officer of any condition requiring repair or maintenance; insures that the inventory of supplies and equipment is complete; assures that apparatus, equipment, and records are maintained and in good order.
- *-- Participates in fire prevention inspections of buildings and properties to insure compliance with appropriate codes.
- *-- Participates in hydrant inspections.
- *-- Participates in drills and training sessions as directed.
- *-- Cleans and maintains fire equipment and stations.
- *-- Participates in public education programs for fire safety and emergency medical services.

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- *-- Participates in physical training and department physical testing.
- *-- Participates in annual pump and hose testing.
- *-- Operates and maintains specialized firefighting equipment, such as pumps, foam equipment, extrication equipment, fire extinguishers, and other related equipment.
- *-- Performs minor repairs of equipment and apparatus; insures apparatus and equipment are kept clean.
- *-- Maintains daily log of equipment and apparatus.
- May serve as acting captain in the absence of the captain.
- *-- Completes accurate fire and medical reports.
- Assists in providing training and instruction in apparatus and equipment to fire department members.
- Responds, if possible, to off-duty fires and emergencies as paged.
- *-- Utilizes city computer system for record keeping, pre-incident planning and other job related functions.
- Performs related duties as required.

MINIMUM QUALIFICATIONS

Education and Experience

- Graduation from high school plus five (5) years experience as a firefighter, including at least one (1) year as a firefighter II OR any equivalent combination of education and experience.

Special Requirements

- Must possess a valid Utah Commercial Driver license.
- Must be EMT-B certified by the State of Utah.
- Must be certified Apparatus Driver/Operator by the Utah Fire & Rescue Academy.
- Must be certified Firefighter II by the Utah Fire & Rescue Academy.

Necessary Knowledge, Skills and Abilities

- Considerable knowledge of fire and medical equipment, including ladders, tools, SCBA, etc.; knowledge of proper care and maintenance of equipment.
- Considerable knowledge and skill in pumping operations and fire ground hydraulics, and operation of aerial equipment.
- Considerable knowledge of city streets, geography and target hazards.
- Considerable knowledge and skills in driving fire apparatus of all types and sizes; working knowledge of applicable laws, codes, and standards related to driving and operation of apparatus.
- Ability to follow written and verbal instructions; ability to communicate verbally and in writing.
- Ability to exercise appropriate and safe judgement related to tactics of firefighting and emergency medical services.
- Working knowledge of fire department policies and procedures, and the Incident Command System.

TOOLS & EQUIPMENT USED

- Fire apparatus, SCBA, fire pumps, hoses, and other standard firefighting equipment, ladders, first aid equipment, radio, personal protective gear, personal computer.

PHYSICAL DEMANDS

The physical demands described here are representative of those that must be met by an employee to successfully perform the essential functions of this job. Reasonable accommodations may be made to enable individuals with disabilities to perform the essential functions.

- While performing the duties of this job, the employee is frequently required to sit; talk or hear; stand; walk; use hands to finger, handle, or operate objects, tools, or controls; and reach with hands and arms. The employee is occasionally required to climb or balance; stoop, kneel, crouch, or crawl; and taste or smell.
- The employee must frequently lift and/or move up to 25 pounds and occasionally lift and/or move up to 100 pounds. Specific vision abilities required by this job include close vision, distance vision, color vision, peripheral vision, depth perception, and the ability to adjust focus.

WORK ENVIRONMENT

The work environment characteristics described here are representative of those an employee encounters while performing the essential functions of this job. Reasonable accommodations may be made to enable individuals with disabilities to perform the essential functions.

- While performing the duties of this job, the employee regularly works in outside weather conditions, including temperature extremes, during day and night shifts. Work is often performed in emergency and stressful situations. Individual is exposed to hearing alarms and hazards associated with fighting fires and rendering emergency medical assistant, including smoke, noxious odors, fumes, chemicals, liquid chemicals, solvents and oils.
- The employee occasionally works near moving mechanical parts and in high precarious places and is occasionally exposed to wet and/or humid conditions, fumes or airborne particles, toxic or caustic chemicals, risk of electrical shock, and vibration. The noise level in the work environment is usually moderate, except during certain firefighting or EMT/Paramedic activities when noise levels may be loud.

DEPT/DIVISION APPROVED BY: _____ DATE: _____

EMPLOYEE'S SIGNATURE: _____ DATE: _____

H. R. DEPT. APPROVED BY: _____ DATE: _____

*Essential functions of the job.